STIC Search Report
Biotech-Chem Library

TO: David Naff
Location: 3e75 / 3e71
Thursday, April 13, 2006
Art Unit: 1651
Phone: 571-272-0920
Serial Number: 10 / 684946

From: Jan Delaval
Location: Biotech-Chem Library
Remsen 1a51
Phone: 571-272-2504

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Search Notes

```
=> fil reg
FILE 'REGISTRY' ENTERED AT 09:47:13 ON 13 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   11 APR 2006   HIGHEST RN 880129-32-8
DICTIONARY FILE UPDATES:  11 APR 2006   HIGHEST RN 880129-32-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

*****************************************************************
*                                                               *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                               *
*****************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> d sta que 124
L12                STR

         9           @6
         O           C
         ‖           |
CH2══G1──C┈┈O        Ak
 1    2  7  8        4


VAR G1=CH/6
NODE ATTRIBUTES:
CONNECT IS M1  RC AT   8
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   7

STEREO ATTRIBUTES: NONE
L13                SCR 2043
L15        295253 SEA FILE=REGISTRY CSS FUL L12 AND L13
```
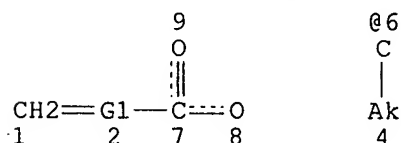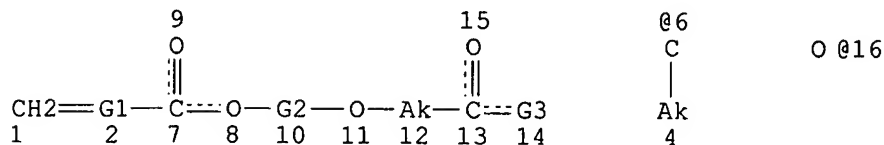
L16   43476 SEA FILE=REGISTRY ABB=ON   PLU=ON   L15 AND (C2H4O OR C3H6O OR
                 C4H8O OR C5H10O)
L22   STR

```
            9                    15          @6
            O                    O           C              O @16
            ‖                    ‖           |
CH2══G1──C═══O─G2──O─Ak──C═══G3        Ak
1     2    7  8  10  11  12  13  14         4
```

VAR G1=CH/6
VAR G2=AK/ID
VAR G3=X/16
NODE ATTRIBUTES:
CONNECT IS M1   RC AT   8
CONNECT IS M1   RC AT   16
DEFAULT MLEVEL IS ATOM
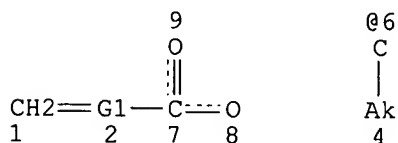DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   14

STEREO ATTRIBUTES: NONE
L24   65 SEA FILE=REGISTRY SUB=L16 CSS FUL L22

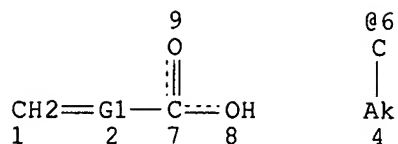100.0% PROCESSED   15522 ITERATIONS   65 ANSWERS
SEARCH TIME: 00.00.01

=> d sta que 144
L12   STR

```
            9          @6
            O          C
            ‖          |
CH2══G1──C═══O      Ak
1     2    7  8        4
```

VAR G1=CH/6
NODE ATTRIBUTES:
CONNECT IS M1   RC AT   8
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   7

STEREO ATTRIBUTES: NONE
L13   SCR 2043
L15   295253 SEA FILE=REGISTRY CSS FUL L12 AND L13
L16   43476 SEA FILE=REGISTRY ABB=ON   PLU=ON   L15 AND (C2H4O OR C3H6O OR
                 C4H8O OR C5H10O)
L37   11329 SEA FILE=REGISTRY ABB=ON   PLU=ON   L16 AND OC2/ES
L38   6943 SEA FILE=REGISTRY ABB=ON   PLU=ON   75-21-8/CRN AND L37
L39   1816 SEA FILE=REGISTRY ABB=ON   PLU=ON   L16 AND 25322-68-3/CRN
L40   8732 SEA FILE=REGISTRY ABB=ON   PLU=ON   (L38 OR L39)
L42   STR

```
       9              @6
       O              C
       ‖              |
CH2══G1──C══OH        Ak
1     2  7  8         4
```

VAR G1=CH/6
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   7

STEREO ATTRIBUTES: NONE
L44   4489 SEA FILE=REGISTRY SUB=L40 CSS FUL L42

100.0% PROCESSED   8732 ITERATIONS   4489 ANSWERS
SEARCH TIME: 00.00.01

=> d his

       (FILE 'HOME' ENTERED AT 07:28:05 ON 13 APR 2006)
                 SET COST OFF

       FILE 'HCAPLUS' ENTERED AT 07:28:32 ON 13 APR 2006
L1   1 S US20040086992/PN OR US2003-684946#/AP,PRN
                 E HARRIS J/AU
L2   296 S E3
L3   431 S E35,E37,E41
L4   8 S E269,E271,E273
L5   223 S E285,E332,E336
                 E ZHAO X/AU
L6   1388 S E3-E26
                 E ZHAO XU/AU
L7   99 S E3
L8   98 S E20-E26
                 E SHEARWATER/PA,CS
L9   47 S E3-E22
                 E NEKTAR/PA,CS
L10   73 S E3-E34
                 SEL RN L1

       FILE 'REGISTRY' ENTERED AT 07:32:41 ON 13 APR 2006
L11   13 S E1-E13
L12   STR
L13   SCR 2043
L14   50 S L12 AND L13 CSS SAM
L15   295253 S L12 AND L13 CSS FUL
L16   43476 S L15 AND (C2H4O OR C3H6O OR C4H8O OR C5H10O)
                 SAV TEMP L16 NAFF684/A
L17   4 S L11 AND L16
L18   STR L12
L19   50 S L18 SAM SUB=L16
L20   STR L18
L21   23 S L20 SAM SUB=L16
```

```
L22              STR L20
L23          1 S L22 CSS SAM SUB=L16
L24         65 S L22 CSS FUL SUB=L16
                 SAV TEMP L24 NAFF684A/A
L25         61 S L24 NOT L17
L26         42 S L25 NOT (118738-46-8 OR 118738-46-8/CRN)
L27         22 S L26 NOT (118738-47-9 OR 118738-47-9/CRN)
L28         18 S L27 NOT (785741-28-8 OR 785741-28-8/CRN)
L29          4 S L28 AND NC>=2
L30         14 S L28 NOT L29
L31          3 S L30 AND NC4/ES
L32         11 S L30 NOT L31
L33          2 S L32 AND CL/ELS
L34          9 S L32 NOT L33
                 SEL RN 1-6
L35          3 S L34 NOT E14-E19
L36          7 S L17,L35
                 SAV TEMP L36 NAFF684B/A
L37      11329 S L16 AND OC2/ES
L38       6943 S 75-21-8/CRN AND L37
L39       1816 S L16 AND 25322-68-3/CRN
L40       8732 S L38,L39
L41       5629 S L40 NOT C3H6O
L42              STR L12
L43         50 S L42 CSS SAM SUB=L40
L44       4489 S L42 CSS FUL SUB=L40
                 SAV TEMP L44 NAFF684C/A
L45       2599 S L44 AND L41


FILE 'HCAPLUS' ENTERED AT 08:32:23 ON 13 APR 2006
L46          8 S L36
L47          4 S L46 AND L1-L10
L48          4 S L46 NOT L47
L49          7 S L46 AND (PY<=1998 OR PRY<=1998 OR AY<=1998)
L50          8 S L47,L49
L51       2044 S L45
L52        860 S L51 AND (PY<=1998 OR PRY<=1998 OR AY<=1998)
L53        745 S L51 AND (PY<=1997 OR PRY<=1997 OR AY<=1997)
L54        769 S L52 AND (PD<=19980107 OR PRD<=19980107 OR AD<=19980107)
L55        769 S L53,L54
L56          0 S L1-L10 AND L55
L57          1 S L1-L10 AND L51
L58          8 S A61K047-48/IPC,IC,ICM,ICS AND L55
                 SEL HIT RN


FILE 'REGISTRY' ENTERED AT 09:22:46 ON 13 APR 2006
L59         14 S E20-E33
L60          9 S L59 AND NC>=3
L61          8 S L60 NOT NA


FILE 'HCAPLUS' ENTERED AT 09:25:40 ON 13 APR 2006
L62         20 S L61
L63          5 S L62 AND (PD<=19980107 OR PRD<=19980107 OR AD<=19980107)
L64         10 S L55 AND A61K047/IPC,IC,ICM,ICS NOT L58
L65         25 S L55 AND C08G065/IPC,IC,ICM,ICS NOT L58,L63,L64
L66         35 S L64,L65
                 SEL HIT RN


FILE 'REGISTRY' ENTERED AT 09:31:18 ON 13 APR 2006
L67         76 S E34-E109
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                    jan delaval - 13 april 2006

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L68            65 S L67 NOT 56-81-5/CRN
L69            18 S L68 AND (N OR S OR SI OR CL OR F)/ELS
L70            47 S L68 NOT L69
L71            45 S L70 NOT C12H24O
L72            34 S L71 NOT C4H8O
L73            31 S L72 NOT C8H8
L74             3 S L73 AND C6/ES
L75            28 S L73 NOT L74
                  SEL RN 3-7 15-28
L76             9 S L75 NOT E110-E128
                  SEL RN 2 6 7
L77             6 S L76 NOT E129-E131


        FILE 'HCAPLUS' ENTERED AT 09:45:44 ON 13 APR 2006
L78             8 S L77
L79             5 S L78 AND (PD<=19980107 OR PRD<=19980107 OR AD<=19980107)
L80            18 S L50,L63,L79
L81             4 S L80 AND L1-L10
L82            18 S L80,L81


        FILE 'REGISTRY' ENTERED AT 09:47:13 ON 13 APR 2006

=> fil hcaplus
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=> d l82 all hitstr tot

L82   ANSWER 1 OF 18  HCAPLUS   COPYRIGHT 2006 ACS on STN
AN    2005:735366  HCAPLUS
DN    143:194453
ED    Entered STN:  12 Aug 2005
TI    Heterobifunctional poly(ethylene glycol) derivatives and their preparation
IN    Bentley, Michael D.; Harris, J. Milton; Kozlowski, Antoni
PA    USA
SO    U.S. Pat. Appl. Publ., 15 pp., Cont.-in-part of U.S. Ser. No. 71,469.
      CODEN: USXXCO
DT    Patent
LA    English
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